



Caltrans

# Construction Storm Water Pollution Prevention Bulletin

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*The Storm Water Pollution Prevention Bulletin is prepared by the Storm Water Compliance Review Task Force to aid all projects and operations in maintaining compliance with Storm Water Pollution Prevention regulatory requirements.*

## Non-Storm Water Discharges...



## Vehicle and Equipment Fueling CD19



Fueling activities associated with construction create the potential for non-storm water pollutant discharges. Use of Best Management Practices for Vehicle and Equipment Fueling (CD19) will ensure NPDES permit compliance in this area, reducing or eliminating adverse impacts of construction fueling on the environment.

### Control of Fueling Areas

Designated fueling areas within Caltrans' right-of-way are common on large construction projects. To improve safety and achieve permit compliance, the following steps are recommended:

- ☒ Have clean, absorbent materials such as rags or cat litter available for cleanup of minor spills and leaks, rather than hosing down or burying the spill (See CD12, Spill Prevention and Control).
- ☒ Construct fuel tank secondary containment to last for the duration of the job.
- ☒ Locate the fueling area on a paved or impermeable surface.



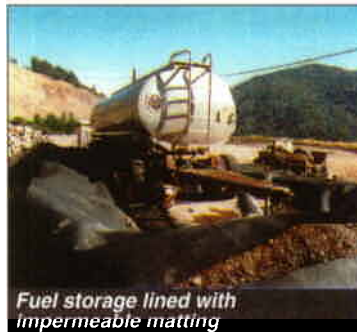
Covered concrete fuel storage area

### Control of Mobile Fueling Operations

Construction projects may use fueling trucks at the site only when it is impractical to send vehicles and equipment to designated refueling areas.

Precautions operators must use for mobile fueling include:

- ☒ Fueling only over drip pans or other impermeable surfaces.
- ☒ Staying clear of storm drain inlets, drainage facilities, and water courses when fueling.
- ☒ Not "topping off" fuel tanks.
- ☒ Having clean, absorbent materials on hand for minor spill clean-up.



Fuel storage lined with impermeable matting

### Fuel Truck Storage

Fueling trucks should be parked in contained areas, preferably on pavement with secondary containment. If a fueling truck must be stored on dirt, this should also be within a containment area. One acceptable

configuration is to excavate an area, wider and longer than the truck, with a surrounding dirt berm. This excavation may be lined with plastic sheeting and backfilled, or it may be lined with heavy duty impermeable matting, in which case backfill is not needed. In either case, berms surrounding containment areas should have slopes gradual enough for trucks to drive over.



Typical fueling truck

*Additional information is available in the Caltrans Storm Water Quality Handbooks.*

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